

Setup Guide — SW8/12 VGA Ars

This sheet provides quick start instructions for an experienced installer to set up and operate the SW8/12 VGA Ars switcher.

Installation

Step 1 — Mounting

Turn off or disconnect all equipment power sources and mount the switcher as required.

Step 2 — Video and audio inputs

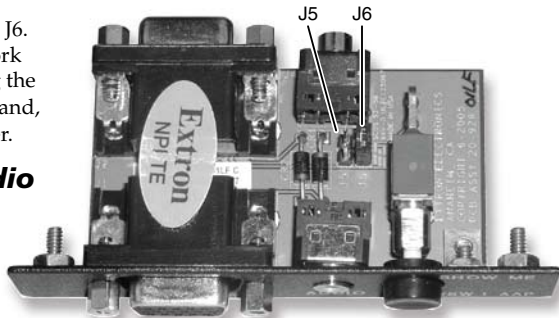
- Connect up to 8 (SW8) or 12 (SW12) video input cables.
- Connect up to 8 (SW8) or 12 (SW12) audio input cables.

NOTE If using one or more VSW I AAPs (with "Show Me" buttons), connect the video and audio input devices through the VSW I AAPs and configure the AAP unit and the switcher in accordance with step 3.

IMPORTANT:
Refer to www.extron.com for the user manual and installation instructions before connecting the product to the power supply.

Step 3 — VSW I AAP configuration (optional)

- On the VSW I AAP, remove jumper J5 and install jumper J6.
- Configure the switcher to work with the AAP unit by issuing the `[Esc][X1]*1VSW← SIS` command, where `[X1]` is the input number.



Step 4 — Video and audio outputs

- Connect one or two video output devices.
- Connect audio devices to the switcher's Fixed audio output port and/or Variable audio output port. Wire the audio output connectors as shown below.

CAUTION Connect the sleeves to ground (Gnd). Connecting the sleeve to a negative (-) terminal will damage the audio output circuits.

Unbalanced Output
Mono output 1: NO GROUND. Sleeve(s) to GND. Mono output 2: NO GROUND.

Balanced Output
Mono output 1+: Sleeve(s) to GND. Mono output 1-: Sleeve(s) to GND. Mono output 2+: Sleeve(s) to GND. Mono output 2-: Sleeve(s) to GND.

Step 5 — Remote connector (optional)

Connect a serial cable from a control device to the RS-232 control port. The port's communications protocols are

- 9800 baud
- 8 data bits
- 1 stop bit, no parity
- no flow control.

| | | | | |
|---|---|-------|--------|----------|
| 5 | 1 | Pin | Signal | Function |
| | | 1 | — | Not used |
| | | 2 | RX | Receive |
| | | 3 | TX | Transmit |
| | | 4 | — | Not used |
| | | 5 | Gnd | Ground |
| | | 6 - 9 | — | Not used |

Step 6 — Power

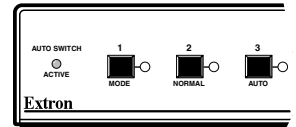
Plug a standard IEC power cord between the power connector and a 100 VAC to 240 VAC, 50 or 60 Hz power source. Power on the display device and then the audio and video sources.

Setup Guide — SW8/12 VGA Ars (cont'd)

Operation

Select switch mode

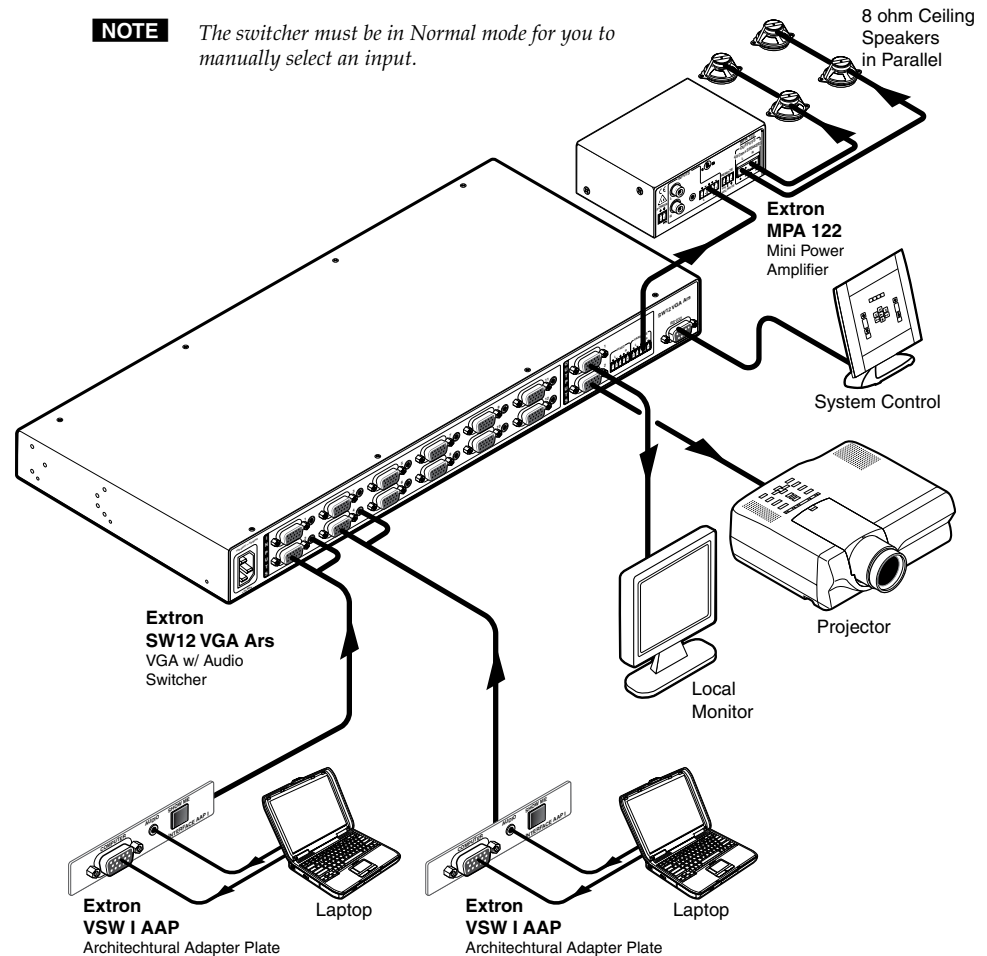
- **Normal (default)** — Hold the Mode (Input 1) button and press the Normal (Input 2) button. The Auto Switch LED is off. All input buttons function normally.
- **Auto switch** — Hold the Mode (Input 1) button and press the Auto (Input 3) button. The Auto Switch LED is on. Front panel input buttons are locked out. The switcher outputs highest number input that has a sync signal present. If no sync signal is present, input #1 is selected by default.



Select an input

Press and release an input button to select that input. The lit button indicates the selected input.

NOTE The switcher must be in Normal mode for you to manually select an input.



Typical SW8/12 VGA Ars application

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